

# DriveMaster 10

## NVMe/SATA/SAS Mass Storage Test Tool



DriveMaster 10  
New Major Features

### Support to New ULINK Power Adapters

- Support ULINK PCIe-SSD Power Adapter Plus (PSPA+) Gen5
- Add the handling for ULINK USB/SATA/SAS Power Adapter (USPA) to avoid reading Power Status and Power Current simultaneously which may cause the unexpected Power Off or Power Current being zero

### NVMe

- Support NVMe Fused Operation
- Support DMRL/DMRSL/DMSL in NVM\_Trim
- Add the handling to make Timeout value, which is related to Controller Ready Independent of Media Mode & Timeout (CRIMS/CRIME/CRTO.CRIMT), only take effect when Ready status is expected
- Update the parameter for Log Specific field in NVM\_GetLog
- Update the parameter for Content/Scope field in NVM\_GetLog\_LckDn
- Add the support to Multiple Descriptors for Identify with CNS=3 (NS Identification Descriptor List) in Table Format
- Fix the syntax error for Get Feature in NVMe tab under DM Command Control Panel

### Others

- Support IDEMA Report Capacity
- Support SFF8447 LBA Count
- New variable TCG\_NEWPIN to specify "NewPIN" Parameter in StartSession

### TCG Command Control Panel

- Add the support to C\_PIN Enhancements feature set in Level 0 Discovery
- Add the support to retrieve the value in the column DefaultPINChangeRequired (=80h) in the TperInfo table if the device supports C\_PIN Enhancements feature set
- Add the handling to correctly retrieve the size of K\_AES for "K\_AES SPT" when there are more than 200 entries in the Table table

### SATA/SAS

- Support SCSI-SAT Translation – 32 Bytes' ATA Passthrough
- Support SCSI-SAT Translation – ATA Security Feature Set
- Update the interpretation of SCSI ASC/ASCQ to the most recent information from T10
- New Variables to access Security status and capabilities in ATA Security Feature Set for both native ATA and SCSI-ATA Translation